

IN THE CLAIMS

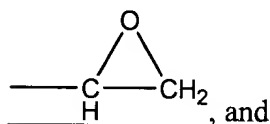
1. (Currently Amended) A coating material curable thermally and with actinic radiation, comprising

(a1) at least one constituent comprising

(a11) at least two functional groups which serve for crosslinking with actinic radiation, and

(a12) at least one functional group which is able to undergo thermal crosslinking reactions with the hydroxyl and/or thiol groups (a21) in the constituent

(a2) and is at least one of -C(O)-O-C(O)- ; -NCO ; -NH-C(O)-OR ; $\text{-CH}_2\text{-OH}$; $\text{-CH}_2\text{-O-CH}_3$; $\text{-NH-C(O)-CH(-C(O)OR)}_2$; $\text{-NH-C(O)-CH(-C(O)OR)(-C(O)-R)}$; -NH-C(O)-NR_2 ; =Si(OR)_2 ; and



(a2) at least one branched, cyclic and/or acyclic $\text{C}_9\text{-C}_{16}$ functionalized alkane comprising at least two functional groups (a21) selected from the group consisting of hydroxyl groups, thiol groups, and mixtures thereof.

2. (Previously Amended) The coating material of claim 1, further comprising at least one member selected from (a3) at least one photoinitiator, (a4) at least one thermal crosslinking initiator, (a5) at least one reactive diluent curable thermally and/or with actinic radiation, (a6) at least one coatings additive, (a7) at least one thermally curable constituent, (a8) at least one organic solvent, and mixtures thereof.

3. (Previously Amended) The coating material of claim 1, wherein functional groups (a11) comprise at least one group selected from olefinically unsaturated groups, epoxide groups, and mixtures thereof, and functional groups (a12) comprise isocyanate groups.

4. (Previously Amended) The coating material of claim 1, wherein constituent (a1) comprises at least one member selected from a urethane (meth)acrylate, a polyester (meth)acrylate, or mixtures thereof.

5. (Previously Amended) The coating material of claim 1, wherein functionalized alkane (a2) is liquid at room temperature.
6. (Previously Amended) The coating material of claim 1, wherein functionalized alkane (a2) has a boiling point of over 200°C.
7. (Previously Amended) The coating material of claim 1, wherein functionalized alkane (a2) is acyclic.
8. (Previously Amended) The coating material of claim 1, wherein functionalized alkane (a2) comprises primary and/or secondary hydroxyl and/or thiol groups.
9. (Previously Amended) The coating material of claim 1, wherein functionalized alkane (a2) is a polyol (a2).
10. (Previously Amended) The coating material of claim 9, characterized in that the polyols (a2) are diols and/or triols (a2).
11. (Previously Amended) The coating material of claim 10, characterized in that the polyols (a2) are positionally isomeric dialkyloctanediols.
12. (Previously Amended) The coating material of claim 11, characterized in that the polyol (a2) comprises 2,4-diethyl-1,5-octanediol.
13. (Previously Amended) A process of coating a substrate comprising applying to a substrate the coating material of claim 1.
14. (Previously Amended) The process of claim 13 wherein the applied coating material is at least one coating selected from a basecoat or a clearcoat.

15. (Previously Added) The coating material of claim 1, wherein functionalized alkane (a2) comprises primary and secondary hydroxyl and/or thiol groups.
16. (Previously Added) The coating material of claim 11, characterized in that the polyols (a2) are positionally isomeric diethyloctanediols.
17. (Previously Added) The process of claim 13 wherein the substrate is an automotive part, an article or component of furniture, a coil, or a container.